

FIG.1

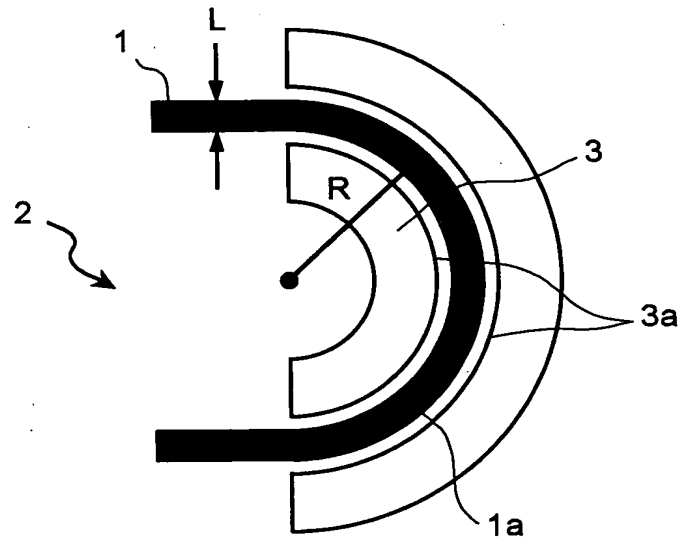


FIG.2

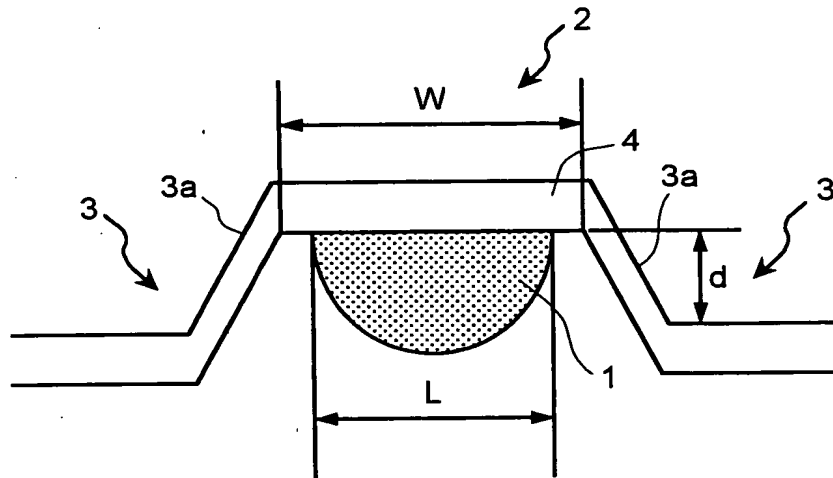


FIG.3

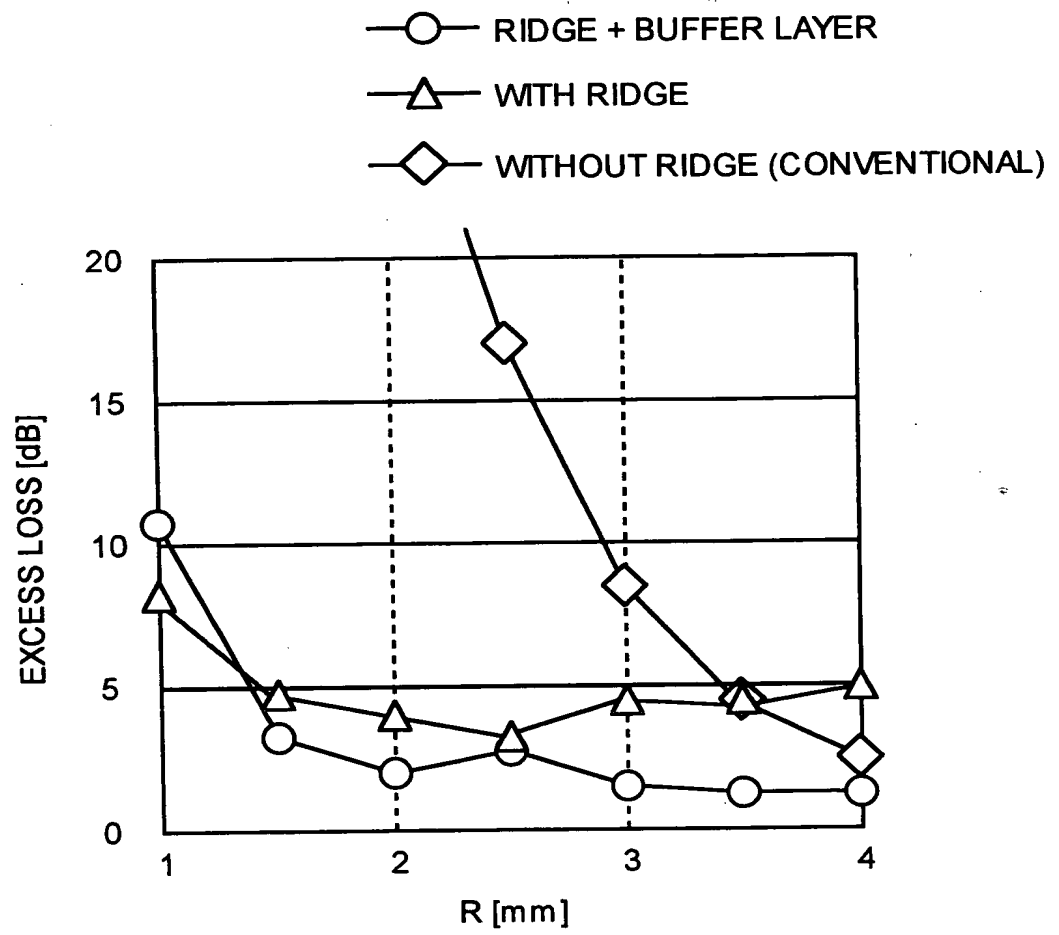
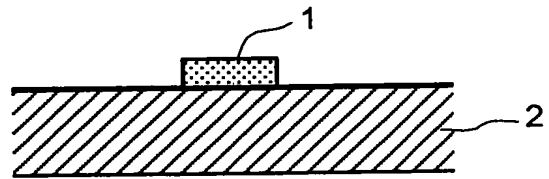
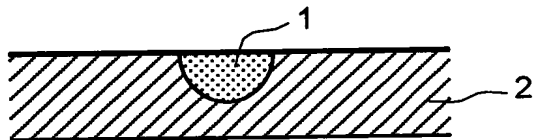


FIG.4A

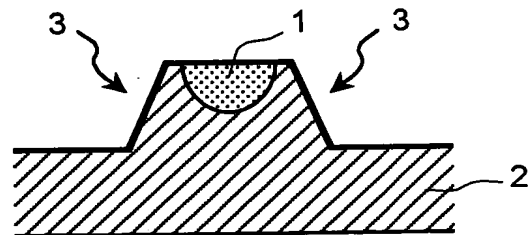
Ti PATTERN FORMATION

**FIG.4B**

THERMAL DIFFUSION

**FIG.4C**

ETCHING

**FIG.4D**

BUFFER LAYER FORMATION

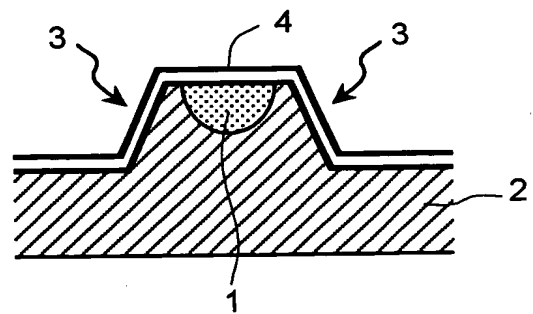


FIG. 5

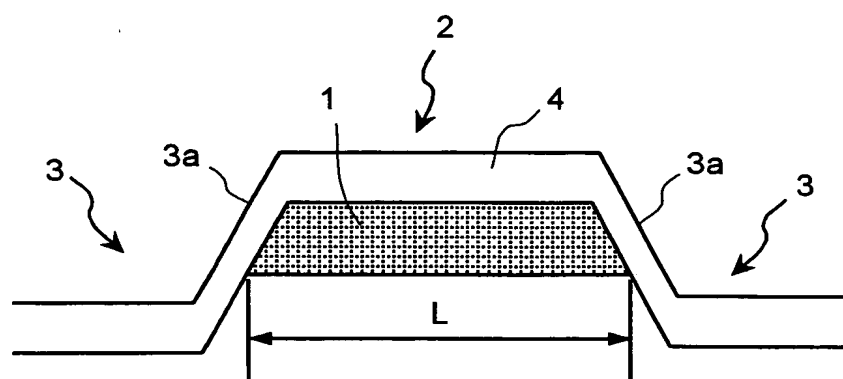


FIG. 6

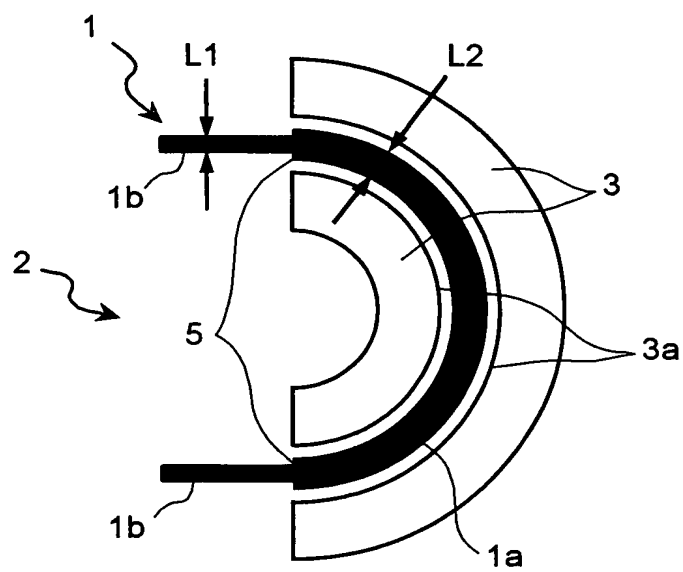


FIG.7

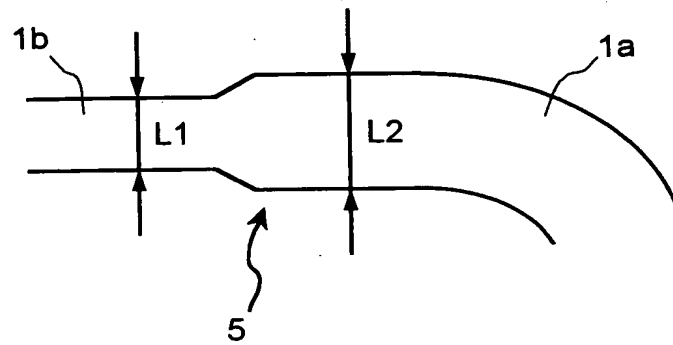


FIG.8

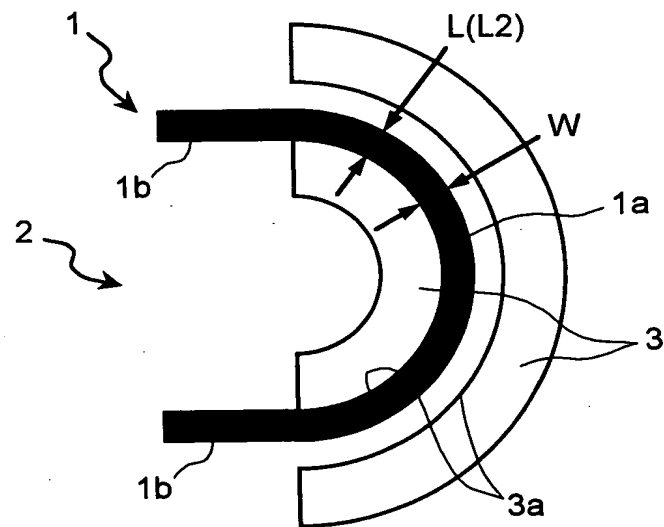


FIG. 9

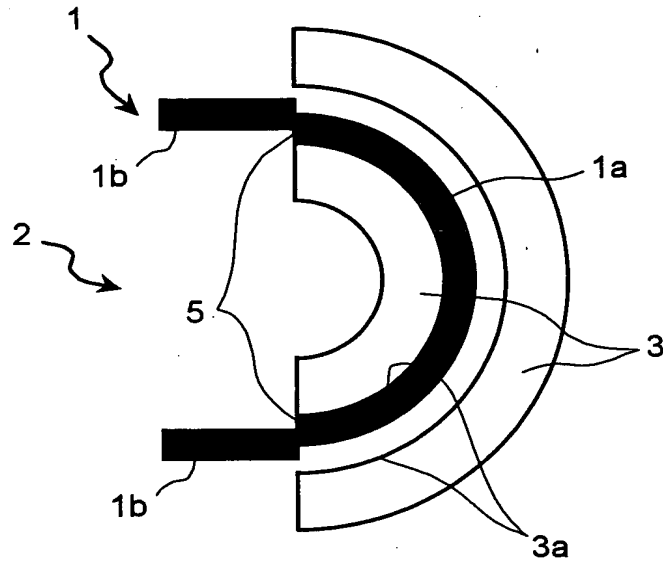


FIG. 10

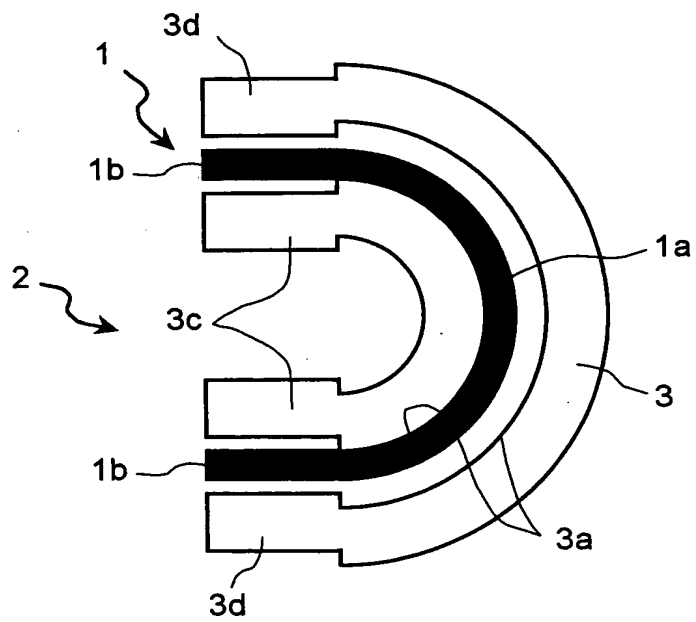


FIG. 11

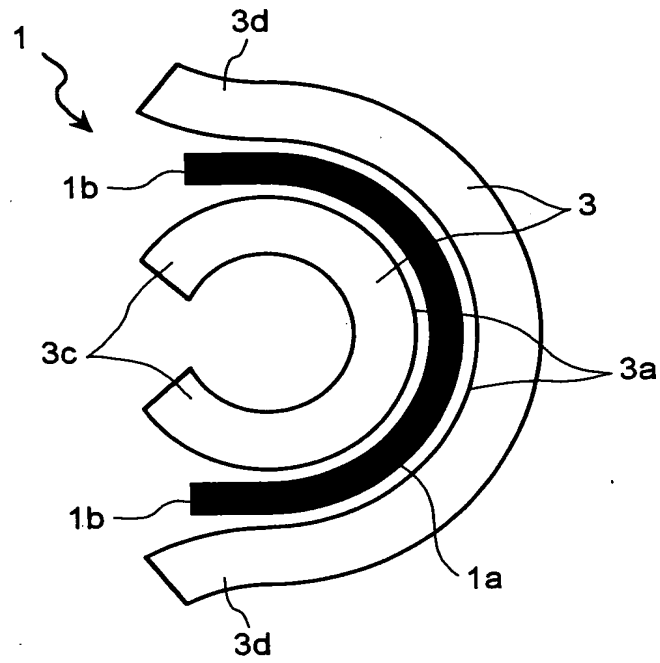


FIG. 12

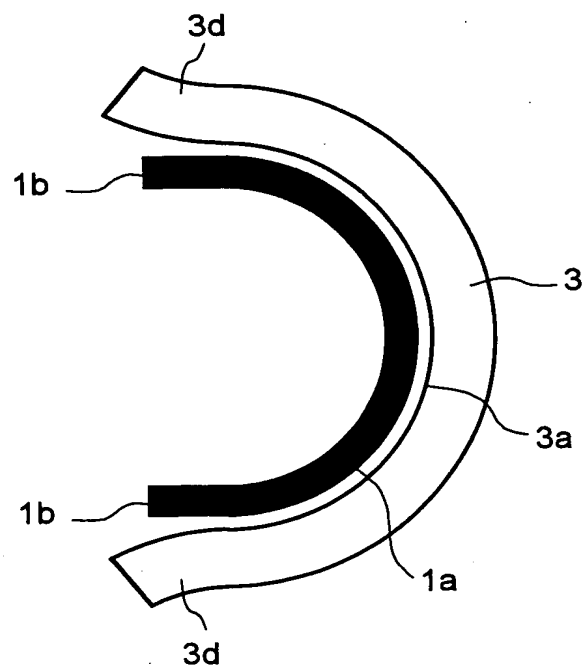


FIG. 13

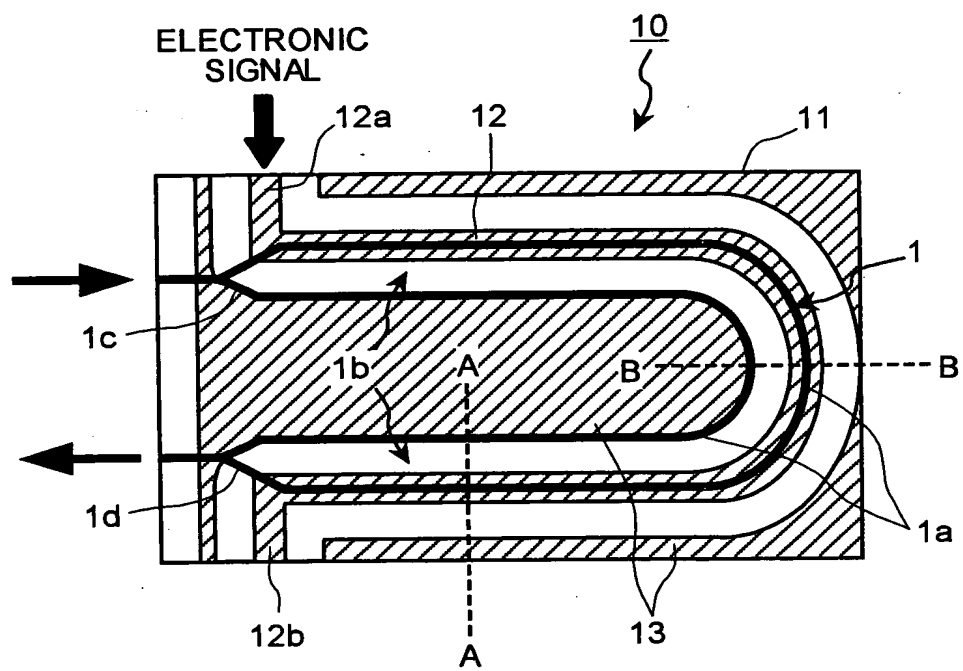


FIG.14A

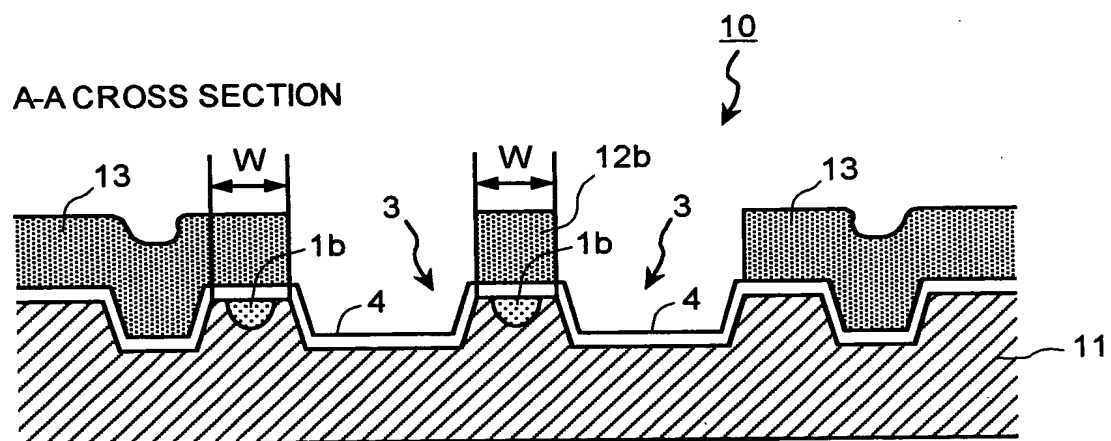


FIG.14B

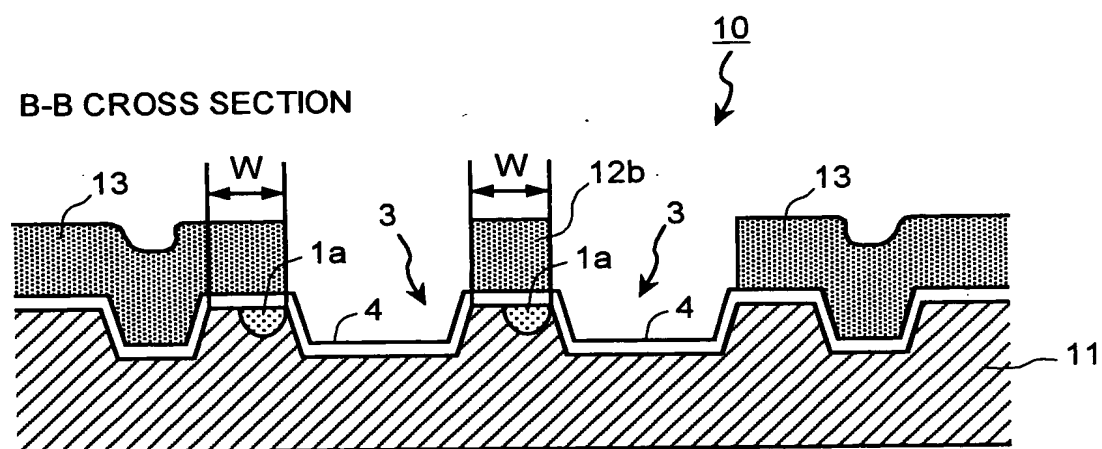


FIG. 15

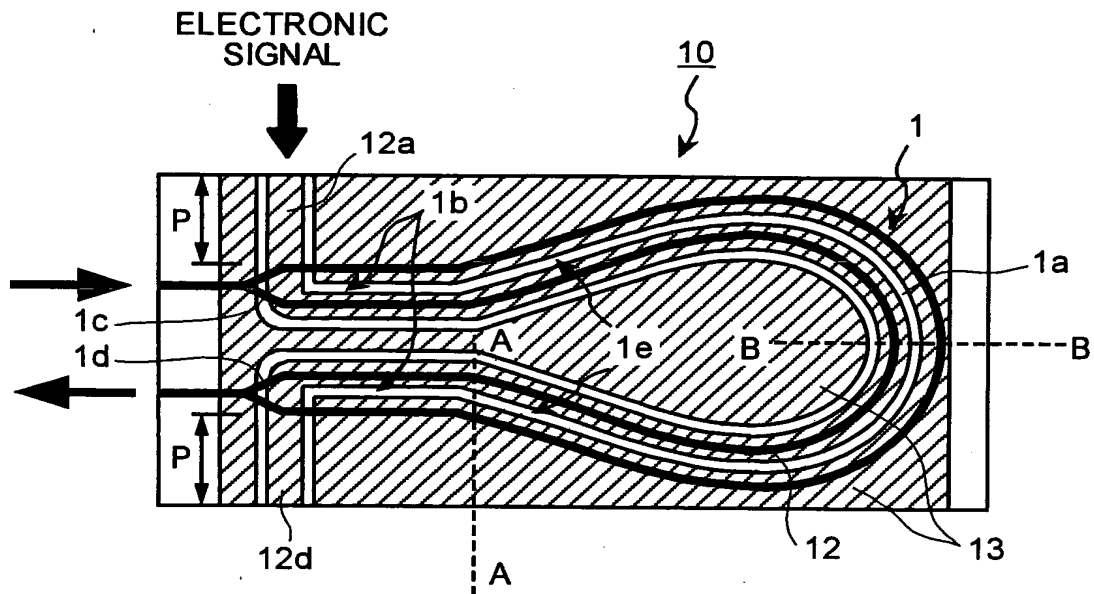


FIG. 16

